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EXPRESS MAIL LABEL NO.: EV 566 183 489 US

PATENT APPLICATION
Docket No.: 14531.107.1.4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
)
Ofir Paz, et al.)
)
Serial No.: 09/770,765) Art Unit
) 2611
Filed: January 25, 2001)
)
Confirmation No.: 7763)
)
For: BANDWIDTH OPTIMIZATION)
)
Examiner: Christopher Nalevanko)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

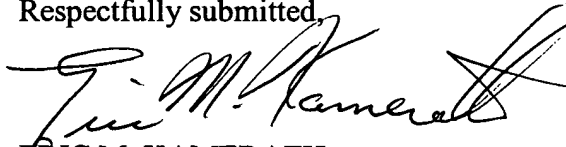
Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the non U.S. Patent listed references or relevant portion thereof is also enclosed.

Dated this 31st day of January, 2005.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Eric M. Kamerath", with a stylized flourish at the end.

ERIC M. KAMERATH
Attorney for Applicant
Registration No. 46,081
Customer No. 047973

EMK:ahm
AHM0000000245V001

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Ofir Paz, et al.

Docket No.

14531.107.1.4

Application No.

09/770,765

Filing Date

January 25, 2001

Examiner

Christopher Nalevanko

Customer No.

047973

Group Art Unit

2611

Invention: **BANDWIDTH OPTIMIZATION**

I hereby certify that the following correspondence:

IDS Transmittal letter (2 pgs. in duplicate); IDS form 1449 (5 pgs.); Information Disclosure Statement (2 pgs.);
Copies of four (4) non US Patent listed references; Form PTO-2038; postcard; and Certificate of Express Mailing
Label No. EV 566 183 489 US

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37
CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

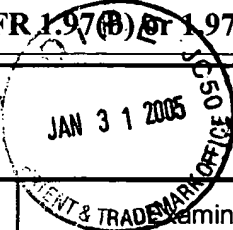
January 31, 2005*(Date)*Andrea H. Maxfield*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV 566 183 489 US*("Express Mail" Mailing Label Number)*

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
14531.107.1.4

In Re Application Of: Ofir Paz, et al.



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/770,765	January 25, 2001	Christopher Nalevanko	047973	2611	7763

Title: **BANDWIDTH OPTIMIZATION**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

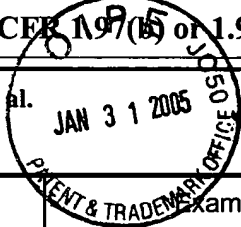
OR

☒ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
14531.107.1.4

In Re Application: Ofir Paz, et al.



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/770,765	January 25, 2001	Christopher Nalevanko	047973	2611	7763

Title: **BANDWIDTH OPTIMIZATION**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Typed or Printed Name of Person Mailing Certificate

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Signature

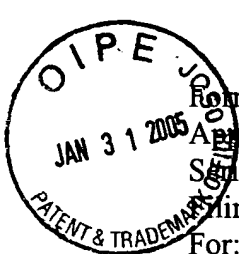
ERIC M. KAMERATH

Registration No. 46,081

Customer No. 047973

Dated: January 31, 2005

cc:



Form PTO-1449

Sheet 1 of 5

Applicant:

Ofir Paz, et al.

Serial No.:

09/770,765

Att'y Docket No.: 14531.107.1.4

Filing Date:

January 25, 2001

For:

BANDWIDTH OPTIMIZATION

SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTPatent Application

<u>Examiner Initial*</u>	<u>Pat./Serial Number</u>	<u>Date Filed/Issued</u>	<u>Class</u>	<u>Sub Class</u>	<u>Name</u>
____ 1	09/770,769	01/25/2001			Ofir Paz, et al.
____ 2	5,734,853	3/31/1998	395	352	Hendricks, et al.
____ 3	5,319,455	6/07/1994	348	7	Hoarty, et al.
____ 4	5,835,843	11/10/1998	455	4.2	Haddad
____ 5	5,724,091	3/03/1998	348	13	Freeman, et al.
____ 6	09/770,644	01/25/2001			Ofir Paz, et al.
____ 7	6,021,433	02/2000	709	219	Payne, et al.
____ 8	5,583,995	12/1996	709	219	Gardner, et al.
____ 9	5,229,862	07/1993	386	109	Takahashi, et al.
____ 10	6,006,241	12/1999	715	512	Purnaveja, et al.
____ 11	6,021,198	02/2000	380	269	Anigbogu, et al.
____ 12	6,154,771	11/2000	709	217	Rangan, et al.
____ 13	5,961,603	10/1999	709	229	Kunkel, et al.
____ 14	4,729,020	03/1988	375	340.05	Schaphorst, et al.
____ 15	5,990,976	11/1999	648	588	Masaaki Higashida
____ 16	6,151,636	11/2000	709	247	Schuster et al.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Sheet 2 of 5

Applicant: Ofir Paz, et al.
Serial No.: 09/770,765
Filing Date: January 25, 2001

Att'y Docket No.: 14531.107.1.4

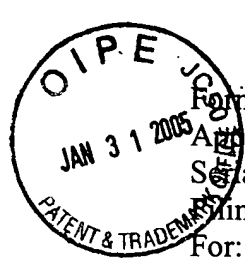
For: BANDWIDTH OPTIMIZATION

____ 17	5,605,195	04/1994	705	1	Arthur Murphy
____ 18	6,011,590	01/2000	375	240.05	Jukka Saukkonen
____ 19	6,507,672	01/2003	382	232	Watkins, et al.
____ 20	6,108,727	08/2000	710	68	Boals, et al.
____ 21	09/770,767	1/25/2001			Meir Feder, et al.
____ 22	5,623,587	04/1997	345	630	Richard Bulman
____ 23	6,646,677	11/2003	348	156	Noro, et al.
____ 24	6,175,663	01/2001	382	284	Shih-Chi Huang
____ 25	6,675,386	1/2004	725	105	Hendricks, et al.
____ 26	6,295,380	9/2001	382	240	Toshiya Takahashi
____ 27	09/770,766	01/25/2001			Ofir Paz, et al.
____ 28	5,982,445 A	11/1999	348	461	Eyer, et al.
____ 29	6,205,485 B1	03/2001	709	231	Dan Kikinis
____ 30	5,828,370 A	10/1998	345	720	Moeller, et al.
____ 31	10/975,693	10/27/2004			Ofir Paz, et al.
____ 32	10/976,063	10/27/2004			Ofir Paz, et al.
____ 33	09/744,771	01/25/2001			Ofir Paz, et al.
____ 34	4,963,030	10/16/1990	358	133	Makur
____ 35	5,761,606	06/02/1998	455	6.2	Wolzien
____ 36	09/744,662	01/25/2001			Ofir Paz, et al.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449

Sheet 3 of 5

Applicant: Ofir Paz, et al.
Serial No.: 09/770,765
Filing Date: January 25, 2001
For: BANDWIDTH OPTIMIZATION

Att'y Docket No.: 14531.107.1.4

____ 37	5,819,004	10/1998	386	112	Azagdegan, et al.
____ 38	5,926,569	07/1999	382	232	Brian Nickerson
____ 39	6,003,030	12/1999	707	10	Kenner, et al.
____ 40	6,175,650	01/2001	382	171	Sindhu, et al.
____ 41	6,049,316	04/2000	345	698	Nolan, et al.
____ 42	5,617,333	04/1997	709	247	Oyamada, et al.
____ 43	5,619,591	04/1997	382	166	Tsang, et al.
____ 44	5,801,779	09/1998	375	240.24	Uz, et al.
____ 45	6,389,072	05/2002	375	240	Tzuo, et al.
____ 46	5,612,742 A	3/18/1997	348	385	Krause, et al.
____ 47	6,005,620 A	12/21/1999	348	385	Yang, et al.
____ 48	5,687,257 A	11/11/1997	382	239	Paik, et al.
____ 49	5,115,309 A	5/19/1992	358	133	Hang

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Sheet 4 of 5

Applicant:

Ofir Paz, et al.

Serial No.:

09/770,765

Att'y Docket No.: 14531.107.1.4

Filing Date:

January 25, 2001

For:

BANDWIDTH OPTIMIZATION

Foreign Patent Documents

Examiner Initial*	Document Number	Publication Date	Country or Patent Office
____ 50	PCT/IL98/00349	07/27/1998	PCT
____ 51	PCT/WO97/12486	04/03/1997	PCT
____ 52	PCT/IL99/00413	07/27/1999	PCT
____ 53	PCT/IL99/00412	7/27/1999	PCT

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "1," "2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449

Applicant:

Serial No.:

Filing Date:

For:

Ofir Paz, et al.

09/770,765

January 25, 2001

BANDWIDTH OPTIMIZATION

Sheet 5 of 5

Att'y Docket No.: 14531.107.1.4

AHM0000000247V001

Examiner:

Date Considered:

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